

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

COMPLETE LISTING OF THE CLAIMS:

Claims 1-21 : (Canceled)

Claim 22 : (Currently Amended) In a telecommunications network, a route object (RO) computer program product stored on a computer readable medium, comprising:

means for creating the RO for use in setting-up a connection in the telecommunications network which presents a user with editable fields relating to ~~more than one type~~ types of the RO, and allows the user to specify contents of at least one of the editable fields to create any one of the types of the RO defining routes through network elements of the telecommunications network,

wherein, when the user specifies the contents of the at least one editable field, at least one of the editable fields and its specified contents is used by the RO computer program product to determine at least one default setting of at least one subsequent editable field presented to the user.

Claim 23 : (Previously Presented) The RO computer program product according to claim 22, in which the RO presents the at least one editable field relating to a type of route defined by the RO.

Claim 24 : (Previously Presented) The RO computer program product according to claim 22, in which the RO presents at least one editable field relating to at least one network element (NE) of a route through the telecommunications network defined by the RO.

Claim 25 : (Previously Presented) The RO computer program product according to claim 22, in which each type of RO comprises at least one hop, and the RO computer program product presents at least one editable field relating to the at least one hop of the RO.

Claim 26 : (Currently Amended) The RO computer program product according to claim 22, in which, when the user specifies the contents of the at least one editable field, at least one of the ~~specified field and the~~ editable fields and its specified contents is used by the RO computer program product to determine which subsequent editable field is presented to the user.

Claim 27 : (Canceled)

Claim 28 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for modifying at least one RO.

Claim 29 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for copying at least one RO.

Claim 30 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for storing at least one RO in a storage facility.

Claim 31 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for deleting at least one RO.

Claim 32 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for discovering at least one RO.

Claim 33 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for discovering changes in the telecommunications network.

Claim 34 : (Previously Presented) The RO computer program product according to claim 22, and comprising means for interfacing with the user.

Claim 35 : (Currently Amended) The RO computer program product according to claim 34, in which the means for interfacing presents a same interface to the user regardless of ~~the type~~ a type of the RO to be created.

Claim 36 : (Previously Presented) The RO computer program product according to claim 34, in which the means for interfacing comprises a graphical user interface (GUI) which presents at least one window to the user, to allow the user to create the RO.

Claim 37 : (Currently Amended) The RO computer program product according to claim 36, in which the GUI presents a network element (NE) listing window to the user which comprises a NE context menu having a create RO menu item which brings up a window comprising a RO creation dialog box, which comprises at least one editable field relating to at least one type of RO, and the user specifies the contents of at least one of the editable fields to create any one of the types of RO.

Claim 38 : (Currently Amended) The RO computer program product according to claim 36, in which the RO being created comprises at least one hop, and the at least one hop is added to the RO using a window comprising a hop creation dialog box, which

comprises at least one editable field relating to at least one type of hop, and the user specifies the contents of at least one of the editable fields to create ~~any one of the types~~ a type of hop.

Claim 39 : (Currently Amended) The RO computer program product according to claim 36, in which the RO being created comprises a group RO, and the GUI presents a network element (NE) listing window to the user which comprises a NE context menu having a create group RO menu item which brings up a window comprising a group RO creation dialog box, which comprises at least one editable field relating to at least one type of group RO, and the user specifies the contents of at least one of the editable fields to create ~~any one of the types~~ a type of group RO.

Claim 40 : (Currently Amended) A method of creating a route object (RO), comprising the steps of:

running a RO computer program product stored on a computer readable medium which creates the RO for use in setting-up a connection in a telecommunications network which presents editable fields relating to ~~more than one type~~ types of the RO; and

specifying contents of at least one of the editable fields to create any one of the types of the RO defining routes through network elements of the telecommunications network, wherein, when the user specifies the contents of the at least one editable field, at least one of the editable fields and its specified contents is used by the RO computer program product to determine at least one default setting of at least one subsequent editable field presented to the user.

Claim 41 : (Currently Amended) A network management system (NMS), comprising:

a route object (RO) computer program product stored on a computer readable medium including means for creating the RO for use in setting-up a connection in the telecommunications network which presents a user with editable fields relating to ~~more than one type~~ types of the RO, and allows the user to specify contents of at least one of the editable fields to create any one of the types of the RO defining routes through network elements of the telecommunications network₁

wherein, when the user specifies the contents of the at least one editable field, at least one of the editable fields and its specified contents is used by the RO computer program product to determine at least one default setting of at least one subsequent editable field presented to the user.

Claim 42 : (Currently Amended) A method of setting up a connection of a telecommunications network, comprising the steps of:

using a route object (RO) created using a RO computer program product stored on a computer readable medium operative for creating the RO for use in setting-up a connection in the telecommunications network, and

presenting a user with editable fields relating to ~~more than one type~~ types of the RO, and allowing the user to specify contents of at least one of the editable fields to create any one of the types of the RO defining routes through network elements of the telecommunications network₁

wherein, when the user specifies the contents of the at least one editable field, at least one of the editable fields and its specified contents is used by the RO computer program product to determine at least one default setting of at least one subsequent editable field presented to the user.